

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014**

**Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/29/2014 10/29/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_RD0900_01_s_2013_6				
Action/Comments					
Inspector Comments: This LMA has the updated O&M manuals for the district.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_RD0900_01_s_2013_12				
Action/Comments					
Inspector Comments: This LMA has an adequate amount of sandbags, sand and various flood fight supplies in their possession.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
					°
DWR ID	DWR_RD0900_01_s_2013_16				
Action/Comments					
Inspector Comments: The crews in this LMA have taken the flood fighting training course provided by DWR.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Sacramento River	Right	7.70	10/29/2014 10/29/2014	Pavel Kazi

LM Start	2.00	Rating **	A/W	Issue No.	1
LM End	2.27	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.559202 °	38.555462 °
				-121.517707 °	-121.516297 °
DWR ID	DWR_RD0900_01_s_2012_1				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: USACE has started to construct a setback levee in this area and has taken control of this portion of the levee.					

Photo 1 of 1 : FA\_2014\_RD0900\_230\_1\_20141029\_00024.jpg



View of the new setback levee looking downstream during fall 2014 inspection.

LM Start	2.28	Rating **	A/W	Issue No.	17
LM End	3.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.555304 °	38.536946 °
				-121.516127 °	-121.519774 °
DWR ID	DWR_RD0900_01_s_2012_17				
Action/Comments					
Environmental Requirements.					

No Photos

LM Start	2.54	Rating **	C	Issue No.	2
LM End	2.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.551696 °	38.551696 °
				-121.514980 °	-121.514980 °
DWR ID	DWR_RD0900_01_s_2014_2				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

No Photos

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/29/2014 10/29/2014	Pavel Kazi

LM Start	3.42	Rating **	M	Issue No.	4
LM End	3.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.539770 °	38.539770 °
				-121.515276 °	-121.515276 °
DWR ID	DWR_RD0900_01_s_2014_4				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 2 : FA\_2014\_RD0900\_230\_4\_20141029\_00025.jpg



Updated picture of the slope instability on the waterside of the levee during fall 2014 inspection

LM Start	<b>3.42</b>	Rating **	M	Issue No.	<b>4 (cont)</b>
LM End	<b>3.42</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2014\_RD0900\_230\_4\_20141021\_00003.jpg



A slope instability was found on the waterside slope of the levee looking downstream.

LM Start	3.52	Rating **	C	Issue No.	5
LM End	3.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.538805 °	38.538805 °
				-121.516613 °	-121.516613 °
DWR ID	DWR_RD0900_01_s_2014_5				
Action/Comments					
Debris					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



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Unit No. 01 Sacramento River	Right	7.70	10/29/2014 10/29/2014	Pavel Kazi

LM Start	4.01	Rating **	M	Issue No.	69
LM End	4.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.535060 °	38.526401 °
				-121.524238 °	-121.531011 °
DWR ID	DWR_RD0900_01_f_2014_69				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	4.05	Rating **	M	Issue No.	327
LM End	4.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.534759 °	38.534759 °
				-121.524902 °	-121.524902 °
DWR ID	DWR_RD0900_01_s_2012_327				
Action/Comments					
Debris					

Photo 1 of 1 : FA\_2014\_RD0900\_230\_327\_20141021\_00018.jpg



Concrete debris were found on the landside of the levee looking upstream.

LM Start	4.11	Rating **	M	Issue No.	54
LM End	4.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.534364 °	38.534364 °
				-121.526051 °	-121.526051 °
DWR ID	DWR_RD0900_01_s_2012_54				
Action/Comments					
Debris					
Inspector Comments: Concrete debris with metal posing a safety risk.					

Photo 1 of 1 : FA\_2014\_RD0900\_230\_54\_20141021\_00014.jpg



View of concrete debris with metal looking upstream.

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
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U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

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Unit No. 01 Sacramento River	Right	7.70	10/29/2014 10/29/2014	Pavel Kazi

LM Start	4.12	Rating **	M	Issue No.	14
LM End	4.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.534345 °	38.534345 °
				-121.525966 °	-121.525966 °
DWR ID	DWR_RD0900_01_f_2013_14				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2014\_RD0900\_230\_14\_20141021\_00008.jpg



An animal hole was found on the landside shoulder of the levee looking downstream.

LM Start	4.97	Rating **	M	Issue No.	330
LM End	4.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.524898 °	38.524898 °
				-121.529674 °	-121.529674 °
DWR ID	DWR_RD0900_01_s_2012_330				
Action/Comments					
Debris					

Photo 1 of 1 : FA\_2014\_RD0900\_230\_330\_20141021\_00019.jpg



Concrete anchor was found on the waterside slope of the levee looking upstream.

LM Start	5.53	Rating **	A/W	Issue No.	958
LM End	5.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.518988 °	38.518988 °
				-121.527738 °	-121.527738 °
DWR ID	DWR_RD0900_01_s_2012_958				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : FA\_2014\_RD0900\_230\_958\_20141021\_00023.jpg



Elderberry on the landside of the levee. The picture was taken from the crown looking downstream.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/29/2014 10/29/2014	Pavel Kazi

LM Start	5.97	Rating **	M	Issue No.	25
LM End	5.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.517952 °	38.517948 °
				-121.535672 °	-121.535857 °
DWR ID	DWR_RD0900_01_s_2012_25				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : FA\_2014\_RD0900\_230\_25\_20141021\_00011.jpg



Elderberry located on the landside of the levee obstructing the view. The picture was taken from the crown looking downstream.

LM Start	6.15	Rating **	M	Issue No.	70
LM End	6.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.517877 °	38.515364 °
				-121.538981 °	-121.551063 °
DWR ID	DWR_RD0900_01_f_2014_70				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA\_2014\_RD0900\_230\_70\_20141029\_00027.jpg



View of the vegetation on the landside of the levee looking downstream.

LM Start	6.87	Rating **	C	Issue No.	71
LM End	7.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.515100 °	38.504194 °
				-121.551696 °	-121.559493 °
DWR ID	DWR_RD0900_01_f_2014_71				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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Unit No. 01 Sacramento River	Right	7.70	10/29/2014 10/29/2014	Pavel Kazi

LM Start	7.80	Rating **	M	Issue No.	15
LM End	7.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.503490 °	38.503490 °
				-121.559770 °	-121.559770 °
DWR ID	DWR_RD0900_01_f_2013_15				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Arrundo on the waterside					

Photo 1 of 1 : FA\_2014\_RD0900\_230\_15\_20141021\_00009.jpg



View of arundo on the waterside of the levee looking downstream.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.27	10/29/2014 10/29/2014	Pavel Kazi

LM Start	0.38	Rating **	A	Issue No.	48
LM End	0.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.578635 °	38.578635 °
				-121.572676 °	-121.572676 °
DWR ID	DWR_RD0900_02_f_2014_48				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA\_2014\_RD0900\_231\_48\_20141029\_00008.jpg



View of the landside slope of the levee looking downstream.

LM Start	1.43	Rating **	A	Issue No.	49
LM End	1.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567407 °	38.567407 °
				-121.582182 °	-121.582182 °
DWR ID	DWR_RD0900_02_f_2014_49				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA\_2014\_RD0900\_231\_49\_20141029\_00009.jpg



View of the vegetation on the landside of the levee looking downstream during fall 2014 inspection.

LM Start	2.07	Rating **	M	Issue No.	13
LM End	2.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.558296 °	38.558296 °
				-121.582151 °	-121.582151 °
DWR ID	DWR_RD0900_02_s_2012_13				
Action/Comments					
Pipe					
Inspector Comments: HDPE pipe at the waterward toe. The LMA purposely placed the pipe to prevent people from driving up the levee.					

Photo 1 of 1 : FA\_2014\_RD0900\_231\_13\_20141021\_00003.jpg



Pipes were placed at the toe of the landside of the levee to prevent people from driving on the slope. The picture was taken from the crown looking upstream.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.27	10/29/2014 10/29/2014	Pavel Kazi

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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